Boqian Li

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EDUCATION

Huazhong University of Science and Technology   Wuhan, China
B.Eng. in Electrical Engineering (Biomedical Engineering)   *Sep 2020 – Jun 2025*
- GPA: 4.52/5.0 | Average Score: 90.7
- Rank: 1/54

PUBLICATIONS

ETCH: Generalizing Body Fitting to Clothed Humans via Equivariant Tightness
Boqian Li, Haiwen Feng[‡], Zeyu Cai, Michael J. Black, Yuliang Xiu[†] ([‡] group lead, [†] corresponding author)
▷ *International Conference on Computer Vision (ICCV) 2025* *(Highlight Paper, Top 2.3%)*

GarmentDreamer: 3DGS Guided Garment Synthesis with Diverse Geometry and Texture Details
Boqian Li*, Xuan Li*, Ying Jiang*, Tianyi Xie, Feng Gao, Huamin Wang, Yin Yang, Chenfanfu Jiang (* equal contribution)
▷ *International Conference on 3D Vision (3DV) 2025*

UP2You: Fast Reconstruction of Yourself from Unconstrained Photo Collections
Zeyu Cai, Ziyang Li, Xiaoben Li, **Boqian Li**, Zeyu Wang, Zhenyu Zhang[†], Yuliang Xiu[†] ([†] shared corresponding author)
▷ *Under Review, 2025*

ETCH-X: Robustify Body Fitting to Any Clothed Human Scans with Simulated Garments and Pose Libraries
Xiaoben Li, Jingyi Wu, Zeyu Cai, Siyuan Yu, **Boqian Li**, Yuliang Xiu[†] ([†] corresponding author)
▷ *Under Review, 2025*

EXPERIENCE

Geometry, Vision, and Learning (GVL) Lab at USC   Los Angeles, USA
Research Intern (Advisor: Yue Wang)   *Oct 2025 – Present*
- Research Topic: Vision-Language-Action (VLA) models for Humanoid Robot Control

Endless AI Lab at Westlake University   Hangzhou, China
Research Intern (Advisor: Yuliang Xiu)   *Jul 2024 – May 2025*
- Research Topic: 3D Human Pose Shape Estimation and Representation
- Publications: ETCH, UP2You

Artificial Intelligence & Visual Computing Lab at UCLA   Los Angeles, USA
Research Intern (Advisor: Chenfanfu Jiang, Yin Yang)   *Nov 2023 – May 2024*
- Research Topic: 3D Garment Synthesis, Diffusion-Based Generative Models, Texture Reconstruction, 3D Gaussian Splatting.
- Publication: GarmentDreamer

Cognitive Computing and Intelligent Information Processing Lab at HUST   Wuhan, China
Research Intern (Advisor: Wei Wei)   *Sep 2022 – Feb 2023*
- Research Topic: Debiased Visual Question Answering Model

INVITED TALKS

Clothed Human Body Fitting: A Journey to ETCH   Aug 2025
Qingke Talk, Episode 72 🔗   *Online*

HONORS & AWARDS

National Scholarship — Dec 2022
- **_Top 0.2%_** _nationally, China's highest undergraduate honor_ — _Huazhong University of Science and Technology_

Outstanding Undergraduate — Apr 2022
- **_Top 1%_** _university-wide, the greatest honor for undergraduates_ — _Huazhong University of Science and Technology_

All-Round Excellence Student — Jan 2023
- **_Top 5%_** _university-wide_ — _Huazhong University of Science and Technology_

All-Round Excellence Student — Dec 2021
- **_Top 5%_** _university-wide_ — _Huazhong University of Science and Technology_

Academic Excellence Scholarship — Apr 2021
Huazhong University of Science and Technology

ACADEMIC SERVICE

Conference Reviewer: CVPR 2026

TECHNICAL SKILLS

Languages: Python, C/C++, Matlab, C#
Libraries: Pytorch, TensorFlow, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib